



RESEARCH & INNOVATION PROGRAMME
ON RAW MATERIALS
TO FOSTER CIRCULAR ECONOMY



Co-funded by the Horizon 2020 programme
of the European Union

**Presented by:
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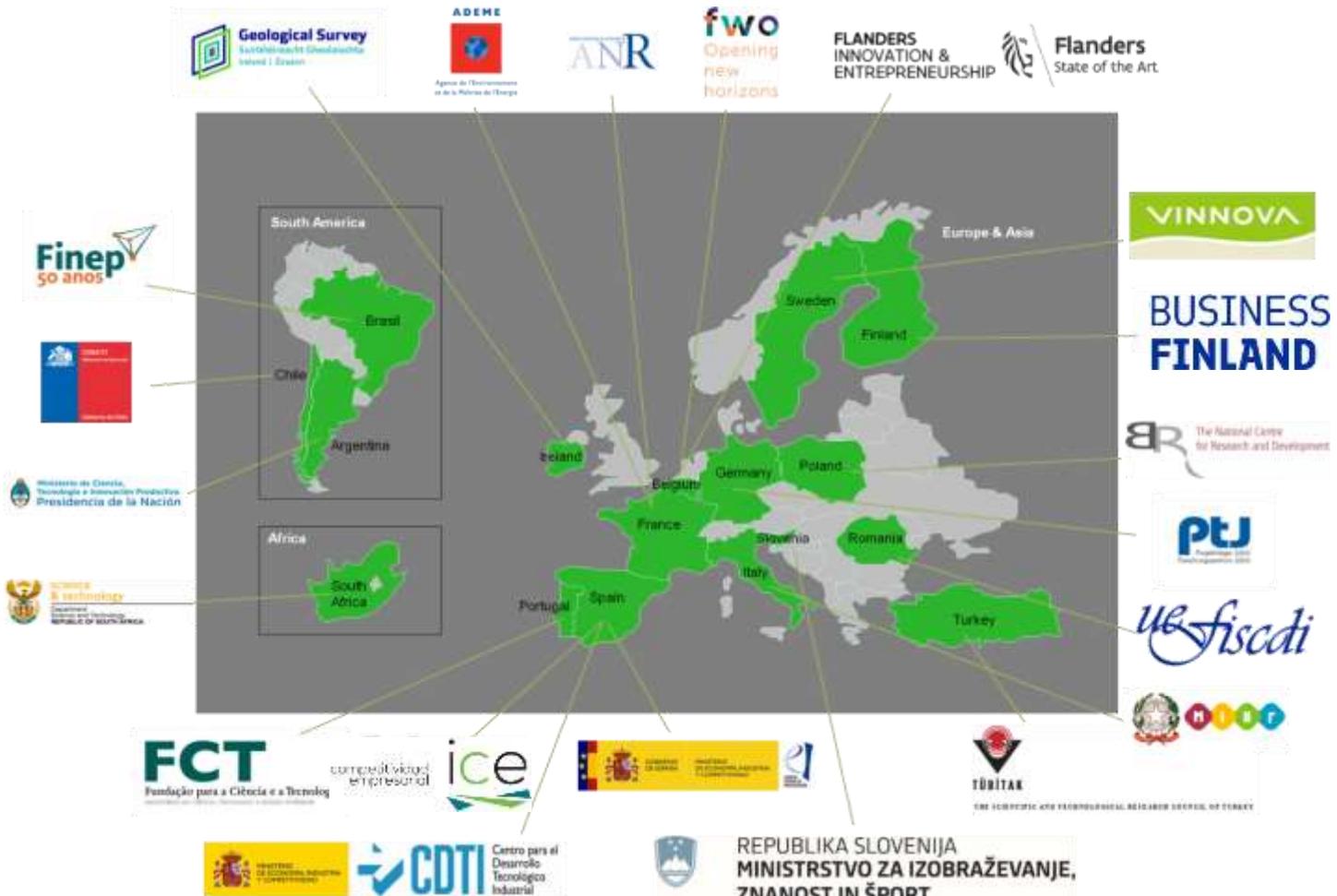
**DEPARTMENT OF SCIENCE AND TECHNOLOGY
14 & 15 November 2018**

About ERA-MIN 2 (2016-2021)

- Global, innovative and flexible **pan-European network of 21 public research Funding Organisations from 17 countries/regions**
- **Horizon 2020 ERA-NET Cofund on Raw Materials (Societal Challenge 5)**
- Supports and promotes research and innovation (R&I) cooperation through **world-wide coordinated funding of transnational R&I collaborative projects.**
- Aims to support the **European Innovation Partnership on Raw Materials, the EU Raw Materials Initiative** and the **EU's transition to a Circular Economy**
- **Secure the sustainable and responsible industrial supply of primary resources**

ERA-MIN 2 aims to develop the **non-energy, non-agricultural** raw materials sector: **metallic, construction and industrial minerals.**

ERA-MIN 2. Consortium: 11 EU Member States countries, 2 EU MS regions, 1 EU Associated country, 4 countries outside EU



Call sub-topics addressed by the 16 funded projects

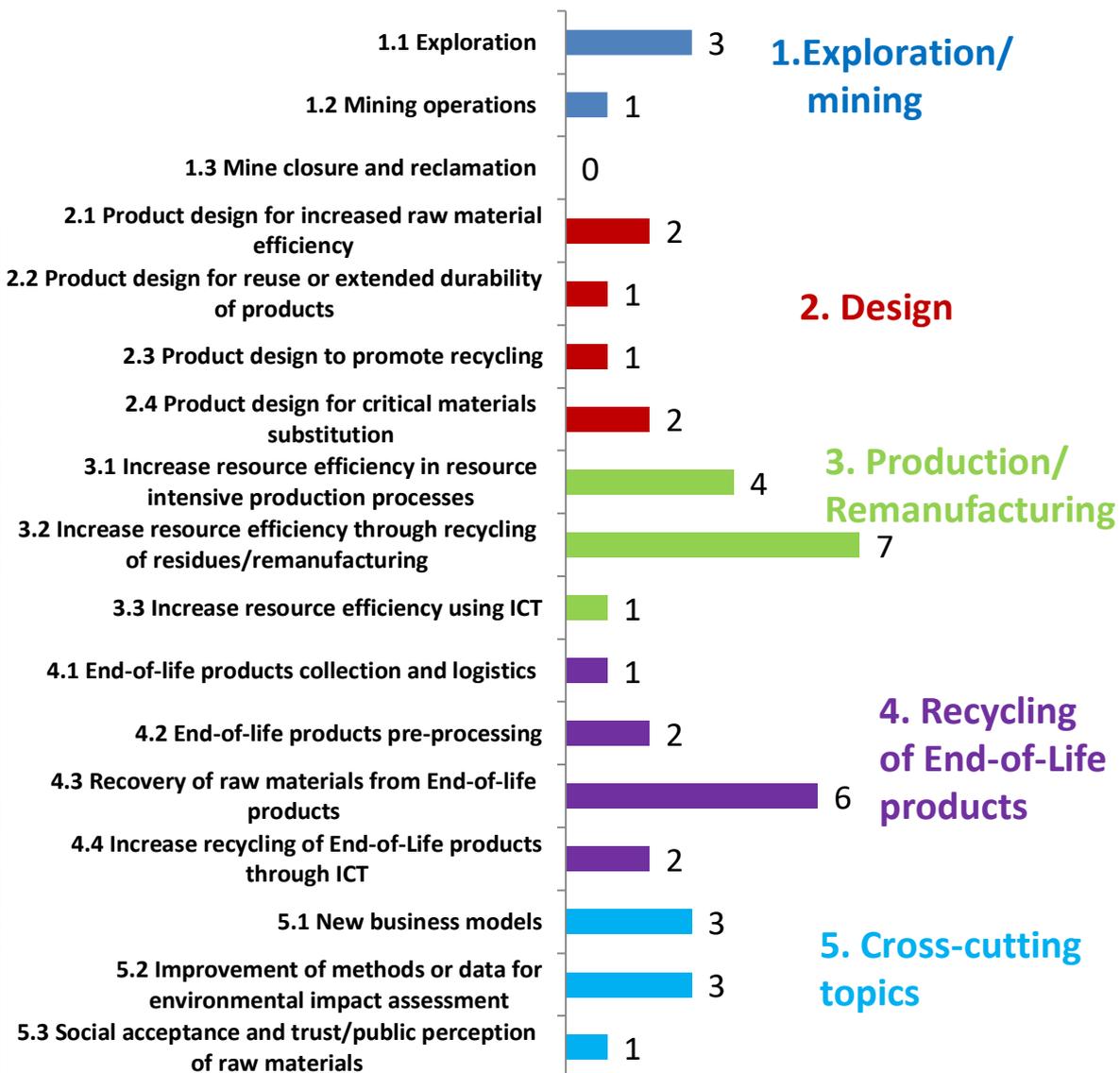


ERA-MIN JOINT CALL 2017 CATALOGUE OF PROJECTS

This project has received funding from European Union's Horizon 2020 programme
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More information on the 16 **projects of Call 2017**
and the 17 ERA-MIN funded projects of Calls 2013-2015
are available at

<https://www.era-min.eu/results>

ERA-MIN Research Agenda is available for download at:
<https://www.era-min.eu/publications>

ERA-MIN Joint Call 2018

- Call calendar
- Participating countries/regions
- Call scope and topics
- Eligibility criteria
- Partner search tools

ERA-MIN Joint Call 2018 at a glance

- **31 October 2018** - Call Publication
- **31 January 2019** - Proposal submission deadline
- **May 2019** - Funding decision:
- **1 Nov. 2019** – project's start latest date
- **24-36 months** - Project's duration

Participating countries/regions

(to be updated by the call publication)

18 EU Member States/Associated countries and regions:

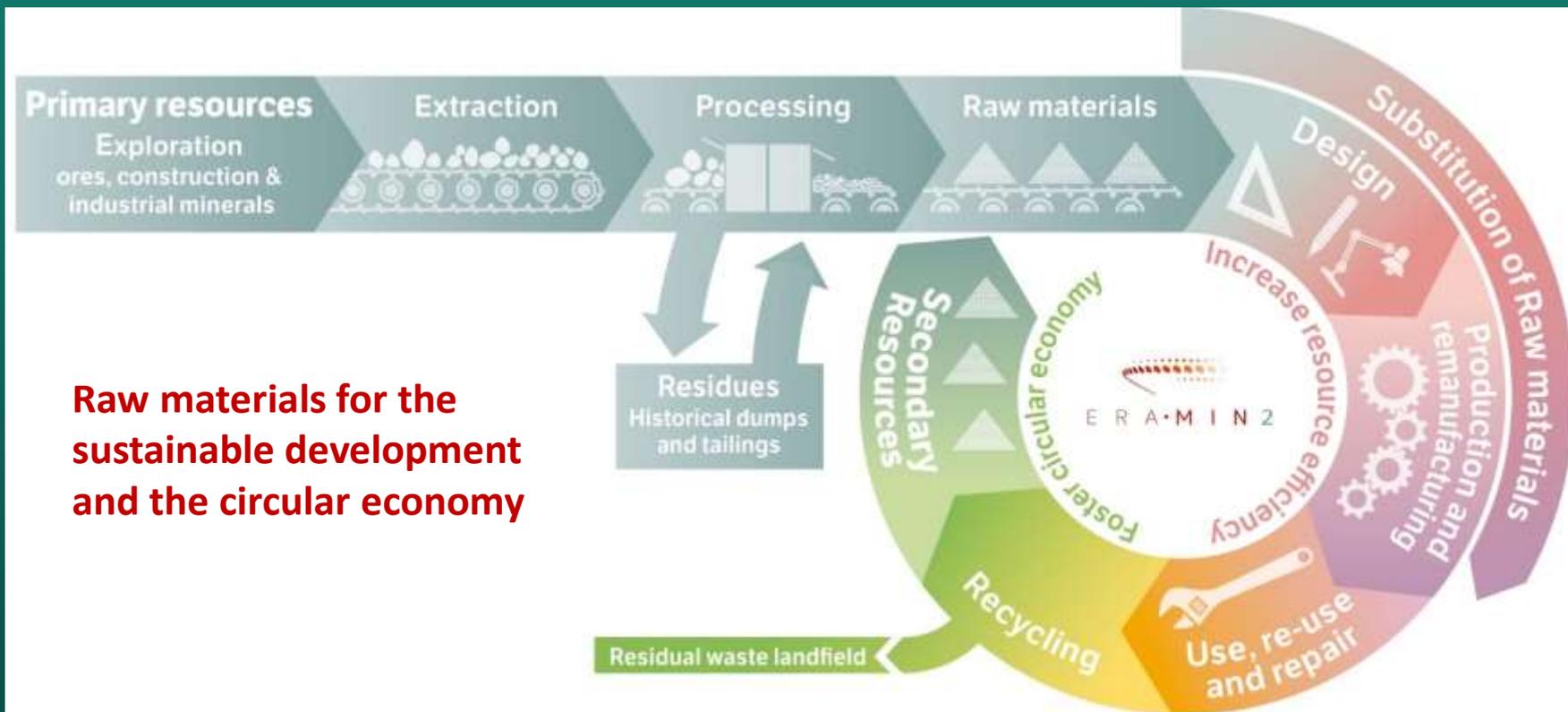
Belgium- Brussels; Belgium-Flanders; Belgium-Wallonia; Finland;
France; Germany; Greece; Italy- Calabria *(to be confirmed)*; Ireland;
Poland; Portugal; Romania *(to be confirmed)*; Slovakia; Slovenia;
Spain; Spain - Castilla y León; Sweden; Turkey

4 Non-EU countries: Brazil; Canada-Québec *(to be confirmed)*;
Chile; South Africa

- **ca. 14 Mio EUR** - Total call budget

ERA-MIN Joint Call 2018 at a glance

Scope: demand-driven research and innovation on primary and secondary resources of metallic, construction and industrial minerals and substitution of Critical Raw Materials in a circular economy approach.



ERA-MIN Joint Call 2018 – 5 main topics

1. Supply of raw materials from exploration and mining
2. Design
3. Processing, Production and Remanufacturing
4. Recycling and Re-use of End-of-Life Products
5. Cross-cutting topics:

5.1. **New business models**

5.2. Improvement of methods or data for
environmental impact assessment

5.3. **Social acceptance** and trust/public perception
of raw materials

ERA-MIN Joint Call 2018 – main topics and sub-topics

1. Supply of raw materials from exploration and mining

- 1.1. Exploration
- 1.2. Mining operations
- 1.3. Mine closure and reclamation

2. Design

- 2.1. Product design for increased raw material efficiency
- 2.2. Product design for reuse or extended durability of product
- 2.3. Product design to promote recycling
- 2.4. Product design for critical materials substitution

ERA-MIN Joint Call 2018 – main topics and sub-topics

3. Processing, Production and Remanufacturing

- 3.1. Increase resource efficiency in resource intensive production processes
- 3.2. Increase resource efficiency through recycling of residues or remanufacturing of used products and components
- 3.3. Increase resource efficiency using information and communication technologies (ICT)

4. Recycling and Re-use of End-of-life products

- 4.1. End-of-life products collection and (reverse) logistics
- 4.2. End-of-life products pre-processing: pre-treatment, dismantling, sorting, characterisation
- 4.3. Recovery of raw materials from End-of-life products
- 4.4. Increase recycling of End-of –Life products through information and communications technologies (ICT)

ERA-MIN Joint Call 2018 at a glance

- Joint application & evaluation but **national/regional funding**
- **Centralised international evaluation of proposals** based on the **H2020 evaluation criteria**: 1) Excellence, 2) Impact and 3) Implementation.
- Selection of projects following a **ranking list** recommended by the Scientific Evaluation Board.
- **National/regional funding rules and regulations apply:**
 - Not all **topics and sub-topics** are supported by all participating funding organisations
 - Not all **legal entities** (academia, industry, SMEs, NGOs, public authorities) are eligible for funding
 - Not all **research types** (fundamental, applied research or innovation - Technology Readiness Level TRL between 1 and 9) are eligible for funding

ERA-MIN Joint Call 2018 – eligibility criteria

Each consortium must comprise at least **three independent legal entities** eligible to request funding from the participating Funding Organisations of, at least, **two different countries** where at least **one country is an EU Member State or EU Associated Country (Turkey)** named in this call.

The **consortium coordinator** must be **eligible for funding** and be **established in a country or region participating in the Call**.

A Lead Researcher can only represent the **coordinator in one proposal** (i.e. if a Lead Researcher coordinates one proposal, he/she can only participate in other proposals as a researcher/key personnel of a consortium partner).

The **total efforts of partners from one country** in a proposal **cannot exceed 70%** of the total project efforts (measured in person-months).

Project duration: between 12 and 36 months (depending on funding agency).

ERA-MIN Joint Call 2018 – eligibility criteria

The full-proposal has to be submitted by the coordinator via the **ERA-MIN Electronic Proposal Submission System by the deadline of 31 January 2019.**

The full-proposal's language is English and the technical description cannot exceed 22 pages.

Each partner requesting funding must **comply with the national/regional funding criteria and regulations** of their respective Funding Organisation to ensure the eligibility of the consortium proposal.

All **applicants requesting funding** must provide a statement of commitment (**Form B**, available at <https://www.era-min.eu/call>), duly signed and stamped by the legal representative of the organisation **or** the lead researcher.

Applicants not requesting funding, or not eligible for national/regional funding, can be partners of the consortium on the condition that they provide evidence of the availability of their own funds to cover their costs by providing a signed declaration (**Form C** available at <https://www.era-min.eu/call>).

Partner search tools

If you are interested in participating in the Call and you would like to search for potential partners, please use the following services:

- The platform set up by the **NCPs-CaRE website**:
<http://partnersearch.ncps-care.eu/>
- The **European Commission Partner search services**:
 - https://ec.europa.eu/research/participants/portal/desktop/en/organisations/partner_search.html
 - <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/partner-search>

HOW CAN YOU GET INVOLVED?

If you are a legal entity from university, research institute, SME, industry, NGO or public authority

- Apply, as coordinator or partner, in a transnational consortium to 2018 and 2019 ERA-MIN Joint Calls
- Apply as reviewer for the scientific assessment of international R&D projects

If you are a national or regional Research Funding Organisation (Ministry or Agency) across Europe or beyond

- Join the **2018/2019 ERA-MIN joint calls** for transnational R& projects to support the internationalisation of your country's academia and industry

If you represent a raw materials initiative, a Horizon 2020 project, an industrial association or an international body

- Liaison with ERA-MIN 2 activities to ensure complementarity and avoid duplication of efforts

SOUTH AFRICA ELIGIBILITY CRITERIA

If you are a legal entity from university, research institute, SME, industry, NGO or public authority

- All applicants to present their application project outline firstly to DST in order to ascertain the strategic alignment
- All topics eligible. **NB:** Topics 2-4 have restrictions and applicants are requested to contact the DST prior to application

Type of research	Large Enterprises	Medium Enterprises	Small Enterprises	Universities and research organisations
Fundamental/Basic Research	Up to 80%	Up to 90%	Up to 90%	90%
Industrial/Applied Research	Up to 80%	Up to 90%	Up to 90%	90%
Experimental development	Up to 80%	Up to 90%	Up to 90%	90%



Our project ERA-MIN2
was made possible
thanks to #H2020 funding

€30 billion is still
available in the 2018-20
Work Programme!

#InvestEUresearch



European
Commission

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